

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10040221 on February 26, 2003

- 10 701/213 (0 OR, 10 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/200 NAVIGATION  
701/207 .Employing position determining equipment  
701/213 ..Using Global Positioning System (GPS)
- 8 455/456 (3 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/456 ..Location monitoring
- 7 340/988 (3 OR, 4 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/988 VEHICLE POSITION INDICATION
- 7 701/207 (6 OR, 1 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/200 NAVIGATION  
701/207 .Employing position determining equipment
- 6 342/457 (0 OR, 6 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)  
342/457 ..Land vehicle location (e.g., bus, police car)
- 6 701/208 (1 OR, 5 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/200 NAVIGATION  
701/207 .Employing position determining equipment  
701/208 ..For use in a map data base system
- 5 701/301 (2 OR, 3 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/300 RELATIVE LOCATION  
701/301 .Collision avoidance

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4 340/991      (0 OR, 4 XR)
    Class 340 : COMMUNICATIONS: ELECTRICAL
    340/988      VEHICLE POSITION INDICATION
    340/989      .At remote location
    340/991      ..Position indication transmitted by vehicle
                  after receipt of information from local sta
tion

4 340/995      (1 OR, 3 XR)
    Class 340 : COMMUNICATIONS: ELECTRICAL
    340/988      VEHICLE POSITION INDICATION
    340/995      .Map display

4 342/357.06   (0 OR, 4 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/350      DIRECTIVE
    342/352      .Including a satellite
    342/357.01   ..With position indicating
    342/357.06   ...Using Global Positioning Satellite (GPS or
                  Glonass)

4 342/357.08   (2 OR, 2 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/350      DIRECTIVE
    342/352      .Including a satellite
    342/357.01   ..With position indicating
    342/357.06   ...Using Global Positioning Satellite (GPS or
                  Glonass)
    342/357.08   ....Determining relative position (e.g.,
                  distance or direction)

4 342/357.13   (1 OR, 3 XR)
    Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
    342/350      DIRECTIVE
    342/352      .Including a satellite
    342/357.01   ..With position indicating
    342/357.06   ...Using Global Positioning Satellite (GPS or
                  Glonass)
    342/357.13   ....With storage device (i.e., map or database
)

4 701/200      (0 OR, 4 XR)
    Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND

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RELATIVE LOCATION

701/200 NAVIGATION

4 701/214 (1 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/213 ..Using Global Positioning System (GPS)  
 701/214 ...Means to improve accuracy of position or  
 location

3 246/122R (1 OR, 2 XR)  
 Class 246 : RAILWAY SWITCHES AND SIGNALS  
 246/122R TRAIN-POSITION INDICATION

3 342/357.01 (0 OR, 3 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating

3 701/215 (0 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/213 ..Using Global Positioning System (GPS)  
 701/214 ...Means to improve accuracy of position or  
 location  
 701/215 ....Having multiple GPS antennas or receivers  
 (e.g., differential GPS)

3 707/101 (1 OR, 2 XR)  
 Class 707 : DATA PROCESSING: DATABASE AND FILE  
 MANAGEMENT OR DATA STRUCTURES  
 707/100 DATABASE SCHEMA OR DATA STRUCTURE  
 707/101 .Manipulating data structure (e.g.,  
 compression, compaction, compilation)

3 707/200 (1 OR, 2 XR)  
 Class 707 : DATA PROCESSING: DATABASE AND FILE  
 MANAGEMENT OR DATA STRUCTURES  
 707/200 FILE OR DATABASE MAINTENANCE

3 707/201 (1 OR, 2 XR)  
 Class 707 : DATA PROCESSING: DATABASE AND FILE

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      MANAGEMENT OR DATA STRUCTURES
707/200 FILE OR DATABASE MAINTENANCE
707/201 .Coherency (e.g., same view to multiple users)

3 707/202 (0 OR, 3 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT OR DATA STRUCTURES
707/200 FILE OR DATABASE MAINTENANCE
707/201 .Coherency (e.g., same view to multiple users)

707/202 ..Recoverability

3 707/203 (2 OR, 1 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT OR DATA STRUCTURES
707/200 FILE OR DATABASE MAINTENANCE
707/201 .Coherency (e.g., same view to multiple users)

707/203 ..Version management

2 37/348 (0 OR, 2 XR)
    Class 037 : EXCAVATING
37/347 DITCHER
37/348 .Condition responsive

2 37/414 (0 OR, 2 XR)
    Class 037 : EXCAVATING
37/411 SCOOP OR EXCAVATING AND TRANSPORTING CONTAINER

37/412 .Supported on vehicle between longitudinally
        spaced ground supports
37/414 ..Condition responsive or programmable means
        controls the excavating operation

2 73/178R (0 OR, 2 XR)
    Class 073 : MEASURING AND TESTING
73/178R NAVIGATION

2 111/130 (0 OR, 2 XR)
    Class 111 : PLANTING
111/130 BROADCASTING

2 198/349.95 (0 OR, 2 XR)
    Class 198 : CONVEYORS: POWER-DRIVEN
198/348 CONVEYOR ARRANGEMENT FOR SELECTING AMONG PLURA

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SOURCES OR DESTINATIONS

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198/349            .With selection responsive to means containing  
                    or introducing changeable operating inst  
ructions  
198/349.5          ..Using central memory to store code until  
                    article is discharged  
198/349.6          ...Memory stores plural sources or destination  
s  
198/349.95        ....Conveyor detector indexes code

2 221/1            (0 OR, 2 XR)  
Class 221 : ARTICLE DISPENSING  
221/1            PROCESSES  
  
2 239/1            (0 OR, 2 XR)  
Class 239 : FLUID SPRINKLING, SPRAYING, AND DIFFUSING  
239/1            PROCESSES  
  
2 318/590          (0 OR, 2 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560          POSITIONAL SERVO SYSTEMS (E.G.,  
                    SERVOMECHANISMS)  
318/590          .Multiple mode systems  
  
2 340/689          (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500          CONDITION RESPONSIVE INDICATING SYSTEM  
340/540          .Specific condition  
340/686.1        ..Position responsive  
340/689          ...Tilt  
  
2 340/825.49       (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825          SELECTIVE  
340/825.36       .Having indication or alarm (e.g., location  
                    indication)  
340/825.49       ..Location indication  
  
2 340/990          (1 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/988          VEHICLE POSITION INDICATION  
340/989          .At remote location  
340/990          ..With map display  
  
2 340/994          (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/988          VEHICLE POSITION INDICATION  
340/989          .At remote location

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340/994           ..Vehicle's arrival or expected arrival at  
at remote           remote location along route indicated at th  
                    location (e.g., bus arrival systems)

2   342/107           (0 OR, 2 XR)  
      Class   342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
                    AND DEVICES  
      342/104           DETERMINING VELOCITY  
      342/107           .Combined with determining distance and  
                    direction

2   342/158           (0 OR, 2 XR)  
      Class   342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
                    AND DEVICES  
      342/147           DETERMINING DIRECTION  
      342/158           .Scanning

2   342/29            (0 OR, 2 XR)  
      Class   342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
                    AND DEVICES  
      342/29            AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)

2   342/357.07        (0 OR, 2 XR)  
      Class   342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
                    AND DEVICES  
      342/350           DIRECTIVE  
      342/352           .Including a satellite  
      342/357.01        ..With position indicating  
      342/357.06        ...Using Global Positioning Satellite (GPS or  
                    Glonass)  
      342/357.07        ....Tracking or monitoring (i.e., lost or  
                    stolen vehicles)

2   342/357.09        (0 OR, 2 XR)  
      Class   342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
                    AND DEVICES  
      342/350           DIRECTIVE  
      342/352           .Including a satellite  
      342/357.01        ..With position indicating  
      342/357.06        ...Using Global Positioning Satellite (GPS or  
                    Glonass)  
      342/357.09        ....With transmission of location-indicative  
                    information to or from a remote station

2   342/357.1         (2 OR, 0 XR)  
      Class   342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
                    AND DEVICES

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342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or  
Glonass)

342/357.1 ....Combined with telecommunication

2 342/357.12 (2 OR, 0 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or  
Glonass)

342/357.12 ....GPS receiver signal processing

2 342/357.17 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.17 ...With particular action taken responsive to  
position

2 342/450 (1 OR, 1 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/350 DIRECTIVE

342/450 .Position indicating (e.g., triangulation)

2 345/418 (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY

SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

2 345/419 (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY

SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/419 .Three-dimension

2 345/420 (1 OR, 1 XR)

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Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY

SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/419 .Three-dimension

345/420 ..Solid modelling

2 345/634 (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY

SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/619 .Graphic manipulation (object processing or  
display attributes)

345/629 ..Merge or overlay

345/634 ...Image based

2 345/856 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY

SYSTEMS

345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER  
INTERFACE)

345/764 .On-screen workspace or object

345/856 ..Cursor

2 345/904 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL  
DISPLAY

SYSTEMS

345/904 DISPLAY WITH FAIL/SAFE TESTING FEATURE

2 348/118 (0 OR, 2 XR)

Class 348 : TELEVISION

348/61 SPECIAL APPLICATIONS

348/113 .Navigation

348/118 ..Land vehicle

2 360/92 (1 OR, 1 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
RETRIEVAL

360/88 RECORD TRANSPORT WITH HEAD STATIONARY DURING  
TRANSDUCING

360/90 .Tape record



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360/91 ..Plural tapes  
360/92 ...Tape in container

2 369/30.48 (1 OR, 1 XR)  
Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL  
369/24.01 INFORMATION LOCATION OR REMOTE OPERATOR  
ACTUATED CONTROL  
369/30.01 .Selective addressing of storage medium (e.g.,  
programmed access)  
369/30.03 ..Of optical storage medium  
369/30.38 ...Plural optical storage media in library  
system  
369/30.4 ....Plural media are discs stored in cartridge

s

369/30.48 .....Having particular mechanism or slot for  
transferring disc into library from outside

2 386/117 (2 OR, 0 XR)  
Class 386 : TELEVISION SIGNAL PROCESSING FOR DYNAMIC  
RECORDING OR REPRODUCING  
386/46 PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC  
RECORDING OR REPRODUCING  
386/117 .Including television camera

2 386/46 (0 OR, 2 XR)  
Class 386 : TELEVISION SIGNAL PROCESSING FOR DYNAMIC  
RECORDING OR REPRODUCING  
386/46 PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC  
RECORDING OR REPRODUCING

2 434/118 (2 OR, 0 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/118 COMPUTER LOGIC, OPERATION, OR PROGRAMMING  
INSTRUCTION

2 434/365 (0 OR, 2 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/365 MEANS FOR DEMONSTRATING APPARATUS, PRODUCT, OR  
SURFACE CONFIGURATION, OR FOR DISPLAYING ED

UCATION MATERIAL

OR STUDENT'S WORK

2 434/379 (0 OR, 2 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/365 MEANS FOR DEMONSTRATING APPARATUS, PRODUCT, OR  
SURFACE CONFIGURATION, OR FOR DISPLAYING E

## DUCATION MATERIAL

## OR STUDENT'S WORK

434/379

.Demonstration or display of electrical  
apparatus or component

2 446/901 (0 OR, 2 XR)

Class 446 : AMUSEMENT DEVICES: TOYS  
446/901 DETACHABLY ADHESIVE

2 455/414 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/414 .Special service

2 455/432 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/432 ..Roaming

2 455/524 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station  
455/524 ....Multiple base stations

2 701/117 (1 OR, 1 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
INDICATION

701/117 .Traffic analysis or control of surface vehicl

e

2 701/16 (2 OR, 0 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
INDICATION  
701/3 .Aeronautical vehicle  
701/16 ..With indication or control of landing

2 701/19 (1 OR, 1 XR)

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 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/19 .Railway vehicle

2 701/216 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/213 ..Using Global Positioning System (GPS)  
 701/214 ...Means to improve accuracy of position or  
 location  
 701/216 ....Having an self-contained position computin

g

means (e.g., dead reckoning)

2 701/217 (1 OR, 1 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/217 ..Using dead-reckoning apparatus

2 701/24 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/23 .Automatic route guidance vehicle  
 701/24 ..On-board computer interact with a host  
 computer

2 701/300 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/300 RELATIVE LOCATION

2 701/45 (1 OR, 1 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/36 .Vehicle subsystem or accessory control  
 701/45 ..Control of vehicle safety devices (e.g.,  
 airbag, seat-belt, etc.)

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2	701/50	(1 OR, 1 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/50	.Construction or agricultural-type vehicle (e.g., crane, forklift)
2	707/100	(0 OR, 2 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100	DATABASE SCHEMA OR DATA STRUCTURE
2	707/6	(0 OR, 2 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/3	.Query processing (i.e., searching)
	707/6	..Pattern matching access
2	707/8	(0 OR, 2 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/8	.Concurrency (e.g., lock management in shared database)
2	707/9	(0 OR, 2 XR)
	Class	707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1	DATABASE OR FILE ACCESSING
	707/9	.Privileged access